

Title (en)
SWIVELING PISTON ENGINE

Title (de)
SCHWENKKOLBENMASCHINE

Title (fr)
MOTEUR A PISTONS OSCILLANTS

Publication
EP 1472435 B1 20061025 (DE)

Application
EP 02716733 A 20020206

Priority
EP 0201226 W 20020206

Abstract (en)
[origin: WO03067033A1] Disclosed is a swiveling piston engine comprising a plurality of pistons (24 to 30) which are arranged in a housing (12) and jointly rotate around an axis of rotation (34) that runs essentially along the center of the housing and is stationary in relation to the housing(12). Each of said pistons (24 to 30) swivels back and forth around a swiveling axis (32) while rotating inside the housing (12), two adjacent pistons (24 to 30) swiveling in opposite directions. The inside of the housing (12) is globular. The swiveling axes (32) of pistons 24 to 30 is formed by a common swiveling axis (32) running essentially through the center (66) of the housing.

IPC 8 full level
F01C 3/02 (2006.01); **F02B 53/00** (2006.01); **F01C 3/06** (2006.01); **F01C 9/00** (2006.01)

CPC (source: EP US)
F01C 3/02 (2013.01 - EP US); **F01C 9/005** (2013.01 - EP US)

Cited by
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WO 03067033 A1 20030814; BR 0205881 A 20040217; CA 2474449 A1 20030814; CA 2474449 C 20090609; CN 1329627 C 20070801; CN 1617975 A 20050518; DE 50208560 D1 20061207; DK 1472435 T3 20070212; EP 1472435 A1 20041103; EP 1472435 B1 20061025; ES 2274016 T3 20070516; JP 2005526206 A 20050902; JP 4129923 B2 20080806; US 2005008515 A1 20050113; US 7563086 B2 20090721

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